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AGL

EFFICACY REVIEW

DATE: IN 11-27-01 OUT 1- 8-02

FILE OR REG. NO. 9688-181

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED November 13, 2001

DATE OF SUBMISSION November 9, 2001

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 455402-01;D279333;S606492;Case#070199;AC:305

PRODUCT MGR. NO. 03-Layne/Sproat

PRODUCT NAME(S) Chemsico Lawn Granules L

COMPANY NAME Chemsico Division of United Industries Corporation

SUBMISSION PURPOSE Provide performance data in support of claims
for German cockroach and cat flea to be added
to list of pests to be controlled by product.

CHEMICAL & FORMULATION Lambda-Cyhalothrin 0.04%
(10 pounds net weight ready-to-use granules)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 455402-01, having been obtained from standard laboratory testing simulating actual use and meeting the requirements of § 95-4(a)(1) to (6) on p. 246 as modified for insect pests that are primarily premise pests for which § 95-11(b)(1) to (4) and (6) and (7) on p. 268 is usually applicable, and the standard of § 95-11(c) on p. 270 of the Product Performance Guidelines as applied to crawling insect pests but modified to meet the standard of § 95-4(b) on pp. 249-50 with respect to the percent control on surfaces simulating lawn and turf application, are adequate to demonstrate the ability of the subject product to control German cockroach, *Blattella germanica*, and cat flea, *Ctenocephalides felis*, when applied by a broadcast spreader at the label rate of 2 pounds product per 1,000 square feet of lawn or turf or around the foundations of buildings in order to prevent entrance indoors, when immediately followed by light watering. Mortality of German cockroach was 100% at 24 hours and fell off very slightly to 98% at 48 hours, while that of cat flea was 94.4% at 4 hours and 100% at 24 hours.

RL Vern L. McFarland, IB